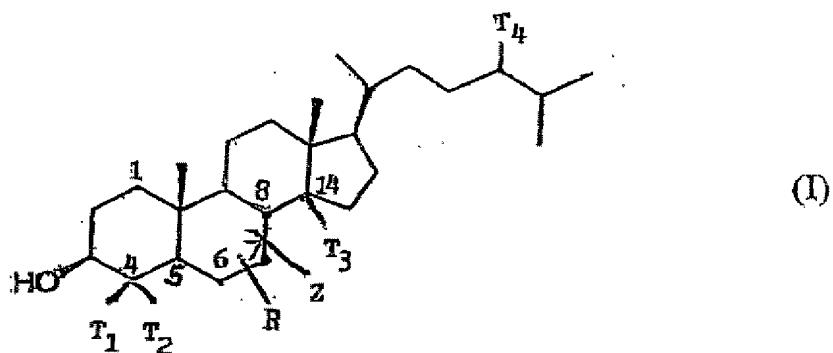


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A sterol-based compound, characterized in that it corresponds to formula (I)



in which formula:

the carbon in position 4 of the cholesterol skeleton bears moieties T_1 and T_2 , which ~~may be~~ are, independently, H or CH_3 with CH_3 in the α and/or β position[,];

the carbon in position 24 bears a moiety T_4 which represents H, CH_3 or C_2H_5 [,];

the carbon in position 14 bears a moiety T_3 , which may be H or a β CH_3 , one of the ~~bonds~~ bond between carbons 5 and 6, ~~on the one hand,~~ and the bond between carbons 7 and 8, ~~on the~~

~~either hand~~, may be a double bond, whereas the other is a single bond, and in which ~~is~~;

[[-]] Z represents, in position 5 or 8, either H or OH, H or OH being able to be borne only by a carbon that does not bear a double bond; and

[[-]] R represents in position 6 or 7, on a carbon not bearing a double bond, the substituent of formula $-Q_0-Q_1$, ~~in the formula of which substituent $-Q_0-$~~

Q_0 represents the radical of formula (II):

$-X-(CH_2)_{n0}[Y_1-(CH_2)_{n1}]_{p1}[Y_2-(CH_2)_{n2}]_{p2}[Y_3-(CH_2)_{n3}]_{p3}[Y_4-(CH_2)_{n4}]_{p4}[Y_5-(CH_2)_{n5}]_{p5}-$
(II)

in which formula (II):

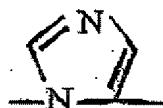
[[·]] p_1, p_2, p_3, p_4 and p_5 are integers independently equal to 0 or 1,

[[·]] n_0, n_1, n_2, n_3, n_4 and n_5 are independent integers such that:

$$1 \leq n_0 \leq 4$$

$$0 \leq n_1, n_2, n_3, n_4, n_5 \leq 4$$

[[·]] $-X-$ represents $-S-$, $-O-$, $-CH_2-$ or $-NR_3-$, ~~in which~~ R_3 is H or a C₁-C₄ alkyl radical, or alternatively a heterocycle



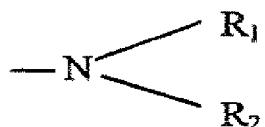
[[·]] $-Y_1-$, $-Y_2-$, $-Y_3-$, $-Y_4-$ and $-Y_5-$ represent, independently of each other, $-S-$, $-O-$, $\text{—C—CH}_2\text{—}$ or $\text{—NR}_3\text{—}$, in which R_3 has the meaning given above; and in which formula, and

[[-]] Q_1 represents an indole nucleus, a morpholine or thiomorpholine nucleus attached via its nitrogen atom, a heterocycle

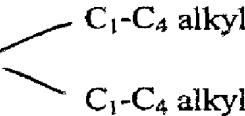


in which R_1 represents H, COCH_3 , a $C_1\text{—}C_4$ alkyl radical,
or

Q_1 represents



in which R_1 has the meanings given above and R_2 represents H or a $C_1\text{—}C_4$ alkyl radical, R_1 and R_2 together possibly constituting a piperidine, pyridine or piperazine ring optionally substituted with a $C_1\text{—}C_4$ alkyl radical, or alternatively a pyrrole or pyrrolidine heterocycle comprising a nitrogen atom and 4 carbon atoms, with the proviso that:

[[.]] if $-X-$ = $-NH-$ and Q_1 =  , at

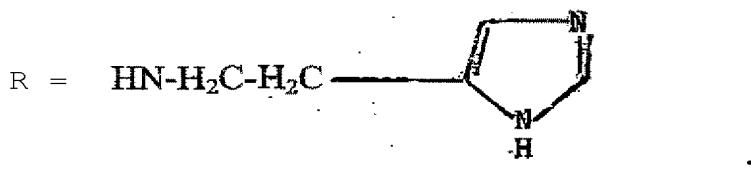
least one of the numbers p_1 , p_2 , p_3 , p_4 and p_5 is other than 0 [[;]] , and

[[.]] if $-X-$ = $-CH_2-$, n_0 = 1 and all the numbers p_1 , p_2 , p_3 , p_4 and p_5 are zero, Q_1 is other than $-NH_2$.

2. (original) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the bond between carbons C_7 and C_8 is a double bond, R = $NH-(CH_2)_3-NH-(CH_2)_4-NH_2$ and T_1 = T_2 = T_3 = H.

3. (original) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the bond between carbons C_7 and C_8 is a double bond, T_1 = T_2 = T_3 = H and R = $-NH-(CH_2)_3-NH-(CH_2)_4-NH-(CH_2)_3-NH_2$.

4. (currently amended) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the bond between carbons C_7 and C_8 is a double bond, T_1 = T_2 = T_3 = H and

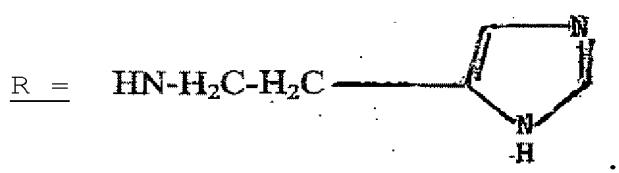


5. (original) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the bond between carbons C₇ and C₈ is a double bond, T₁ = T₂ = T₃ = H and R = -NH-(CH₂)₄-NH₂.

6. (original) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the bond C₇-C₈ is a double bond, T₁ = T₂ = T₃ = H and R = -NH-(CH₂)₂-O-(CH₂)₂-O-(CH₂)₂-NH₂.

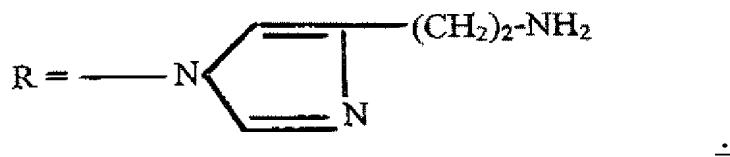
7. (currently amended) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the two bonds C₅-C₆ and C₇-C₈ are single bonds, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6L and R = -NH-(CH₂)₃-NH-(CH₂)₄-NH-(CH₂)₃-NH₂ ~~having the same meaning as in claim 3.~~

8. (currently amended) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the two bonds C₅-C₆ and C₇-C₈ are single bonds, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6L and



~~having the same meaning as in claim 4.~~

9. (currently amended) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the two bonds C₅-C₆ and C₇-C₈ are single bonds, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and having the meaning



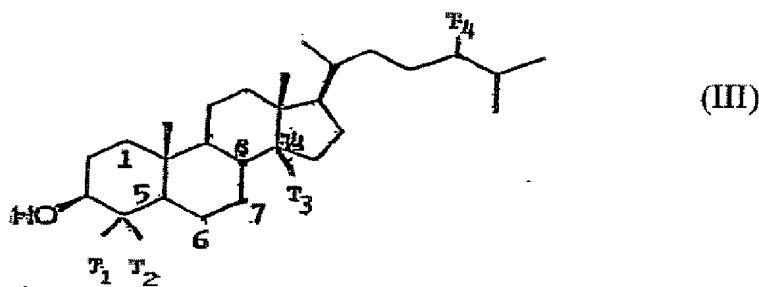
10. (original) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the two bonds C₅-C₆ and C₇-C₈ are single bonds, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and having the meaning



11. (currently amended) The compound as claimed in claim 1, characterized in that it corresponds to formula (I) in which the two bonds C₅-C₆ and C₇-C₈ are single bonds, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and being: NH-(CH₂)₃-NH-(CH₂)₄-NH₂ and T₄ = T₂ = T₃ = H.

12. (currently amended) A process for preparing a compound as claimed in claim 1, ~~characterized in that comprising:~~

[[-]] in a first step, reacting meta-chloroperoxybenzoic acid, dissolved in a solvent A, ~~is reacted~~ with a compound corresponding to formula (III)



in which formula the carbon in position 4 of the cholesterol skeleton bears moieties T_1 and T_2 which may be, independently, H or CH_3 with CH_3 in the α and/or β position, the carbon in position 24 bears a moiety T_4 that represents H, CH_3 or C_2H_5 , the carbon in position 14 bears a moiety T_3 , which may be H or a β CH_3 , at least one of the ~~bonds bond~~ between carbons 5 and 6, ~~on the one hand,~~ and ~~the bond between carbons 7 and 8, on the other hand,~~ is a double bond, the compound of formula III being dissolved in a solvent B that is miscible with solvent A[[,]]; and

[[-]] in a second step, reacting the epoxy compound obtained in the first step, dissolved in a solvent C in the presence of an activator D, ~~is reacted~~ with an amine of formula Q_0Q_1 , dissolved in a solvent E that is miscible with the solvent C.

13. (original) The process as claimed in claim 12, characterized in that the product obtained in the first step is purified before using it for the second step.

14. (previously presented) The process as claimed in claim 12, characterized in that lithium perchlorate is used as activator D.

15. (previously presented) The process as claimed in claim 12, characterized in that methylene chloride is used as solvent A.

16. (original) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a double bond between carbons 7 and 8, characterized in that a mixture of methylene chloride and of aqueous Na_2CO_3 solution is used as solvent B.

17. (original) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a single bond between carbons 7 and 8, characterized in that methylene chloride is used as solvent B.

18. (previously presented) The process as claimed in claim 16, characterized in that anhydrous ethanol or pyridine is used as solvent C, the reaction of the second step being performed at reflux, at atmospheric pressure.

19. (original) A medicament, characterized in that it comprises, in a pharmaceutically acceptable vehicle, at least one compound as claimed in claim 1.

20-25. (cancelled)

26. (currently amended) The medicament as claimed in claim [[25]]19, characterized in that ~~it is administered the pharmaceutically acceptable vehicle is a vehicle for administration by injection.~~

27-28. (cancelled)